

INTERNATIONAL SEARCH REPORT

International Application No

PCT/JP2005/003093

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B60R21/01

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B60R

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 338 731 A (AISIN SEIKI KABUSHIKI KAISHA) 27 August 2003 (2003-08-27) paragraphs '0006!, '0007! paragraph '0017! - paragraph '0021! paragraphs '0026!, '0031!; claims; figures	1-11
A	US 2002/177931 A1 (IWASAKI TATSUYA ET AL) 28 November 2002 (2002-11-28) paragraphs '0006!, '0007!, '0026!; figures 1,4	1
A	JP 05 078619 U (NILES PARTS CO., LTD.) 26 October 1993 (1993-10-26) cited in the application the whole document	1

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search

13 May 2005

Date of mailing of the international search report

30/05/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5B18 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl.
Fax: (+31-70) 340-3016

Authorized officer

Daehnhardt, A

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/JP2005/003093

Patent document cited in search report	Publication date		Patent family member(s)	Publication date
EP 1338731	A	27-08-2003	JP 2003239599 A EP 1338731 A2 US 2003184098 A1	27-08-2003 27-08-2003 02-10-2003
US 2002177931	A1	28-11-2002	JP 2002347541 A CA 2387246 A1 DE 10222869 A1	04-12-2002 24-11-2002 13-02-2003
JP 5078619	U	26-10-1993	NONE	